

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (Currently Amended) An automotive device for displaying vehicle parameters that are transmitted via a vehicle data bus, comprising:

~~a display comprises~~ one or more analog gauges, such that the gauges are additions to the existing gauges of a vehicle;

a connector ~~for that~~ releasably and directly ~~connecting~~ connects to ~~[[a]]~~ the vehicle data bus;

a processor in circuit communication ~~with~~ between the ~~display gauges~~ and the connector;
and

a mounting device secured to the ~~display gauges~~, wherein the mounting device is configured to facilitate securing the ~~display gauges~~ to ~~[[a]]~~ the vehicle.

2. (Original) The automotive device for displaying vehicle parameters that are transmitted on a vehicle data bus of claim 1, further comprising a communications circuit in circuit communications with the processor and the connector for establishing communications via the vehicle data bus.

3. (Original) The automotive device for displaying vehicle parameters that are transmitted on a vehicle data bus of claim 1, wherein the connector comprises an OBD II connector.

4. (Cancelled)

5. (Previously Presented) The automotive device for displaying vehicle parameters that are transmitted on a vehicle data bus of claim 1, further comprising a digital to analog conversion circuit in circuit communication with the processor for driving the one or more analog gauges.

6. (Cancelled)

7. (Currently Amended) The automotive device for displaying vehicle parameters that are transmitted on a vehicle data bus of claim 1, ~~wherein the display~~ further comprises a graphical display.

8. (Currently Amended) The automotive device for displaying vehicle parameters that are transmitted on a vehicle data bus of claim 1, ~~wherein the display~~ further comprises a liquid crystal display.

9. (Currently Amended) The automotive device for displaying vehicle parameters that are transmitted on a vehicle data bus of claim 1, ~~wherein the display~~ further comprises a plasma display.

10. (Currently Amended) The automotive device for displaying vehicle parameters that are transmitted on a vehicle data bus of claim 1, ~~wherein the display~~ further comprises a tachometer display.

11. (Currently Amended) The automotive device for displaying vehicle parameters that are transmitted on a vehicle data bus of claim 1, wherein the ~~display~~ gauge displays an oil pressure parameter.

12. (Currently Amended) The automotive device for displaying vehicle parameters that are transmitted on a vehicle data bus of claim 1, wherein the ~~display~~ gauge displays a horsepower parameter.

13. (Currently Amended) The automotive device for displaying vehicle parameters that are transmitted on a vehicle data bus of claim 1, wherein the ~~display~~ gauge displays a torque parameter.

14. (Currently Amended) The automotive device for displaying vehicle parameters that are transmitted on a vehicle data bus of claim 1, wherein the ~~display~~ gauge displays fuel economy parameter.

15. (Currently Amended) The automotive device for displaying vehicle parameters that are transmitted on a vehicle data bus of claim 1, wherein the ~~display~~ gauge displays a temperature parameter.

16. (Currently Amended) A device for installing additional instrumentation in a vehicle comprising:

~~display means comprises~~ one or more analog gauges, such that the gauges are additions to the existing gauges of the vehicle;

connection means for releasably and directly connecting to a vehicle data bus;

~~processing means for placing a processing means the display means~~ in circuit communication ~~with~~ between the gauges and the connection means; and

mounting means for mounting the ~~display means~~ gauges in ~~[[a]]~~ the vehicle.

17. (Previously Presented) The device of claim 16 wherein the connection means comprises a connector plugged into the vehicle data bus.

18. (Previously Presented) The device of claim 17 wherein the connection means comprises an OBD II connector plugged into a mating connector on the vehicle data bus.

19. (Previously Presented) The device of claim 16 further comprising selection means for selecting one or more vehicle parameters to be displayed on the at least one instrument.

20. (Previously Presented) The device of claim 16, wherein the mounting means includes means for mounting the display means outside of a factory installed instrument panel in the vehicle.

21. (Currently Amended) A method for installing additional instrumentation in a vehicle comprising the steps of:

a. providing an automotive device, comprising:

i. ~~a display comprises~~ one ~~[[ore]]~~ or more analog gauges, such that the gauges are additions to the existing gauges of the vehicle;

ii. a connector ~~for that~~ releasably and directly ~~connecting~~ connects to a vehicle on board diagnostic circuitry;

iii. a communications circuit in circuit communication with the connector for establishing communications with the vehicle on board diagnostic circuitry;

iv. a processor in circuit communication ~~with~~ between the ~~display gauges~~ and the communications circuit, the processor receiving vehicle data from the vehicle on board diagnostic circuitry via the communications circuit and causing the ~~display gauges~~ to show a display corresponding to the received vehicle data; and

v. a mount for securing at least the ~~display gauges~~ proximate an instrument cluster of the vehicle;

b. mounting at least the ~~display gauges~~ of the automotive device in view of a driver of the vehicle and outside of a factory installed instrument panel in the vehicle; and

c. releasably and directly connecting the connector to the vehicle on board diagnostic circuitry, thereby placing the processor in circuit communication with the on board diagnostic circuitry via the communications circuit.

22. (Original) The method for installing additional instrumentation in a vehicle of claim 21 wherein the processor and the communications circuit are integral.

23. (Original) The method for installing additional instrumentation in a vehicle of claim 21 wherein the connector comprises an OBD II connector.

24. (Cancelled)

25. (Previously Presented) The method for installing additional instrumentation in a vehicle of claim 21, further comprising a digital to analog conversion circuit in circuit communication with the processor for driving the one or more analog gauges.

26. (Original) The method for installing additional instrumentation in a vehicle of claim 25, wherein the processor and the digital to analog conversion circuit are integral.

27. (Cancelled)

28. (Currently Amended) The method for installing additional instrumentation in a vehicle of claim 21, ~~wherein the display~~ further comprises a graphical display.

29. (Currently Amended) The method for installing additional instrumentation in a vehicle of claim 21, ~~wherein the display~~ further comprises a tachometer display.

30. (Currently Amended) The method for installing additional instrumentation in a vehicle of claim 21, wherein the ~~display~~ gauge displays an engine revolutions per minute parameter.

31. (Currently Amended) The method for installing additional instrumentation in a vehicle of claim 21, wherein the ~~display~~ gauge displays an indication to the driver to shift gears.
32. (Currently Amended) The method for installing additional instrumentation in a vehicle of claim 21, wherein the ~~display~~ gauge displays an oil pressure parameter.
33. (Currently Amended) The method for installing additional instrumentation in a vehicle of claim 21, wherein the ~~display~~ gauge displays a horsepower parameter.
34. (Currently Amended) The method for installing additional instrumentation in a vehicle of claim 21, wherein the ~~display~~ gauge displays a torque parameter.
35. (Currently Amended) The method for installing additional instrumentation in a vehicle of claim 21, wherein the ~~display~~ gauge displays fuel economy parameter.
36. (Currently Amended) The method for installing additional instrumentation in a vehicle of claim 21, wherein the ~~display~~ gauge displays a temperature parameter.
37. (Currently Amended) The method for installing additional instrumentation in a vehicle of claim 21 wherein said step of mounting at least the ~~display~~ gauge of the automotive device in view of a driver of the vehicle comprises the step of mounting at least the ~~display~~ gauge of the automotive device adjacent to and outside of the factory installed instrument panel in the vehicle.

38. (Original) The method for installing additional instrumentation in a vehicle of claim 37 wherein the connector comprises an OBD II connector.